

# Provisional Patent Application Draft

## Title

*"Fractal-Based Method and System for Modeling Complex Systems with Ethical Safeguards Across Multiple Domains"*

## Background and Field of Invention

This invention relates to the field of complex systems modeling and optimization. Specifically, it introduces a novel method and system based on fractal principles to identify multi-scale patterns, optimize processes across scales, and embed ethical safeguards for responsible use. Applications include artificial intelligence alignment, cellular aging research, systemic transparency tools, environmental sustainability, and adaptive learning systems.